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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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JAN 24 2007

Applicant: Jennissen, Herbert Peter  
Title: METHODS FOR THE  
IMMOBILIZATION OF  
MEDIATOR MOLECULES ON  
INORGANIC AND METALLIC  
IMPLANT MATERIALS  
Appl. No.: 10/646,913  
Filing Date: August 21, 2003  
Examiner: Naff, David M.  
Art Unit: 1651  
Conf. No.: 8136

<b>CERTIFICATE OF FACSIMILE TRANSMISSION</b> I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office, Alexandria, Virginia on the date below.  Rachel Caputo (Printed Name)  <i>Rachel Caputo</i> (Signature)  January 24, 2007 (Date of Deposit)
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**AMENDMENT AND REPLY UNDER 37 CFR 1.111<sup>6</sup>**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the ~~Non~~-Final Office Action dated September 28, 2006, concerning the above-referenced patent application. Entry of the amendments herein are appropriate as the amendments place the case in better condition for allowance or reduce issues upon appeal.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks begin on page 6 of this document.

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